

# OraSure Technologies, Inc.

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Effective Date: 04/25/01

IN CASE OF EMERGENCY  
CALL: 1-800-869-3538

## Material Safety Data Sheet

I. GENERAL INFORMATION			
Identity (as used on label): <i>Q.E.D.® Ethanol Control Solution</i>			
II. HAZARDOUS INGREDIENTS			
Principal Hazardous Components:	CAS #	%	TLV (Units)
<i>Sodium Azide</i>	<i>26628-22-8</i>	<i>0.1%</i>	<i>0.3 mg/m<sup>3</sup></i>
<i>Ethyl Alcohol</i>	<i>64-17-5</i>	<i>0.1-0.2%</i>	<i>1900 mg/m<sup>3</sup></i>
III. PHYSICAL DATA			
Boiling Point (@ 760 mmHg): <i>100°C</i>	Specific Gravity (H <sub>2</sub> O=1.0): <i>1.0</i>		
Vapor Pressure (@ 68°F): <i>1.000 @ 760 mmHg</i>	Percentage Volatile by Volume: <i>Not Known</i>		
Vapor Density (Air=1): <i>Not Known</i>	pH: <i>8 - 9</i>		
Solubility in Water: <i>Freely Soluble</i>	Evaporation Rate (Butyl Acetate=1): <i>Not Known</i>		
Appearance and Odor: <i>Clear colorless solution</i>			
IV. FIRE AND EXPLOSION HAZARD DATA			
Flash Point (Method): <i>N/A</i>	Auto Ignition Temperature: <i>N/A</i>		
Flammable Limits in Air (% by Volume): <i>Not Flammable</i> LEL: <i>Not Applicable</i> UEL: <i>Not Applicable</i>			
Extinguishing Media: <i>Not Applicable</i>			
Special Fire Fighting Procedures: <i>N/A</i>			
Unusual Fire and Explosion Hazards: <i>N/A</i>			

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## V. REACTIVITY DATA

Stability: **Stable** Conditions to Avoid: *Excess Heat/Contact with Skin*

Incompatibility (Materials to Avoid): *When disposing, flush with copious amounts of water and avoid contact with heavy metals.*

Hazardous Polymerization: **Will Not Occur** Conditions to Avoid: *None*

Hazardous Decomposition Products: *None*

## VI. HEALTH HAZARD DATA

Threshold Limit Value: *N/A* Carcinogen: *N/A*

Effects of Exposure:	<b>Eye Contact</b> - <i>May cause eye irritation</i> <b>Skin Contact</b> - <i>May cause skin irritation</i> <b>Inhalation of Vapors</b> - <i>May cause irritation to mucous membranes</i>
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Primary Route(s) of Entry: **Dermal** **Ingestion**

First Aid Procedures:	<b>Eye Contact</b> - <i>Flush eyes with copious amounts of water. Seek medical attention.</i> <b>Skin Contact</b> - <i>Wash affected area with soap and water.</i> <b>Inhalation</b> - <i>Leave exposed area for fresh air immediately.</i> <b>Ingestion</b> - <i>Seek medical attention immediately. Treat symptomatically.</i>
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## VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: *As with non-hazardous material; wear protective gloves, eyewear and outer clothing.*

Waste Disposal Method: *Dispose of in accordance with all local, state and federal requirements.*

## VIII. SPECIAL PROTECTION INFORMATION

Protection:	<b>Respiratory</b> - <i>None</i> <b>Eye</b> - <i>Eyewear recommended</i> <b>Skin</b> - <i>Gloves recommended</i>
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Ventilation Recommended:	<b>Local Exhaust</b> - <i>N/A</i> <b>Mechanical (General)</b> - <i>Use in a well-ventilated area.</i>
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Other Protective Equipment: *None*

## IX. SPECIAL PRECAUTIONS

Handling and Storage: *Recommended storage at room temperature.*

Other Precautions: *Do not lyophilize.*

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, OTI makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any user thereof.